



Cinetech Digital Pty Ltd  
27/9 Mirra Crt. Bundoora  
Victoria, Australia. 3082

E-mail. [sales@cinetech.com.au](mailto:sales@cinetech.com.au)  
Web. [www.cinetech.com.au](http://www.cinetech.com.au)  
Tel. 0479 095 202

## Products and Services 2015/16

Cinetech Digital Pty Ltd is pleased to offer some new services for cinema exhibitors across Australia. With our company focus shifting to 'specialized' areas where Cinetech Digital has a proven track record of reliability and competency, we are able to remain an asset in the industry. The aim is to fill the gaps where other service providers fall short. Response, quality, and price are the three areas in which our services excel and lead our competitors.

### Screen Frame Systems



Cinetech Australia's screen frames are made out of high quality tempered steel. We can mount screen frames to the wall (floating screen) or floor standing depending on your preference and auditorium requirements.

The frame incorporates speaker shelves, masking and curtain motor platforms and provides easy access via the several truss ladders positioned across the screen. Accessibility is essential when choosing screen frames as masking and screen service will most certainly be required after several years of operation.

Our screen frames eliminate the need for high access equipment saving you thousands of dollars in the long run. The safe design will ensure your contractors are safe at all times.

Cinetech can incorporate various masking systems to archive an array of aspect ratios to suit your requirements. We can build a screen frame as big as you need it! Our biggest to date is 25m!

Cinetech Australia's screen frames are not only of the highest quality, but also the most affordable. Our frames are typically 30% to 40% more cost effective than our competitors.

### Xenon Lamps



Cinetech Australia is pleased to announce the availability of affordable xenon lamps for Digital Cinema applications.

YuYu Electric are an established xenon lamp manufacturer and enjoy a large global market share for Xenon Lamps used for Digital Cinema Applications. Their Xenon lamp products are brighter, whiter, and have fantastic operating hours backed by a strong warranty programme. YuYu Xenon Lamps are approved for use in Barco projectors and perform as well as other brands at half the cost.



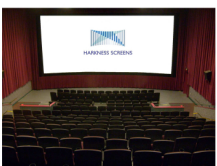
The current price of Digital Cinema Lamps is concerning and present operating cost blow-outs for exhibitors without any valid reason. The lamps are manufactured exactly the same as 35mm lamps but do less hours at double the price! It just doesn't make sense! Why pay more?

You can feel completely safe using YuYu xenon lamps for Digital Cinema. These lamps have been approved by Barco for use in series 1 and 2 projectors. In order to get this certification, Barco rigorously tested a range of YuYu xenon lamps to ensure they meet the quality and performance standard required.

Furthermore, In the event of lamp failure during the warranty period, YuYu will replace the lamp and reflector free of charge

Contract Cinetech Australia for a current price list. [sales@cinetech.com.au](mailto:sales@cinetech.com.au)

### Screen Surfaces



Cinetech supplies a range of screen surfaces from Harkness Hall to suit any application. For large format applications Harkness Hall's Purlux TM range offers a variety of high gain surfaces to provide higher contrast, brightness, and generous viewing angles. It is noted for 'invisible' seams under normal projection conditions.

For 3D applications, the Harkness Spectral 240 is the screen of choice by exhibitors around the world. Spectral 240 surfaces are comprised of a silver aluminium flake based coating applied to the unique base material provides high gain characteristics, strong signal to noise ratios, generous viewing angles and excellent colour temperature.

### Loudspeaker Systems



Whether it's creating a superior sonic Dolby Atmos experience or a more cost effective solution for delivering it, QSC Digital Cinema Speakers (DCS) sound better no matter how you look at them. Developed from the ground-up by a team of cinema engineering specialists, they integrate seamlessly into modern multiplex cinemas and project breath-taking sound to every seat in the house.

Cinetech Australia has put together some amazing cinema packages utilizing QSC loudspeaker and power amplifiers that truly rock the house!

QSC offers the best of both worlds. You can get great sound on a budget with QSC's Two Way speaker product line, or you can opt for power and clarity with the Three Way and Four Way speaker array systems.

Cinetech Australia is proud to distribute QSC Audio Products in Australia and truly believe a complete QSC cinema package delivers the best result in any size auditorium.

### Wall Drapes



Cinetech Australia manufactures and installs a variety of cinema curtains for front of house curtains, moving stage curtains, front of stage soakers and a range of decorative valances and trims.

All fabric used is flame retardant to meet Australian standards.

We can manufacture curtains to any fullness required: (Fullness is additional fabric sewn into a curtain by means of pleats.)

#### 100% fullness

Manufactured with twice as much fabric as the finished width.

#### 50% fullness

Manufactured from 1 1/2 times as much fabric as the finished width.

#### 0% Fullness indicates

The curtain is completely flat, i.e. no pleats.

We can match virtually any color. We purchase from a large network of fabric suppliers ensuring you get the best price and quality everytime.

Please contact Cinetech Australia for pricing & available fabric colors.

### Acoustic Panels



We supply and install Tontine Acoustic panels for Auditorium stage and wall treatment. By installing acoustic panels behind the screen you eliminate unwanted acoustical reverberation generated from the screen surface and rear auditorium wall. For best results, installation of these panels the side walls is highly recommended to create a 'dead' room. With audio advancements such as Dolby Atmos, acoustical treatment becomes highly important as more isolated channels of audio are introduced and can only be effective when they can be deciphered in the mix. Otherwise its just noise!!



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## Digital Cinema Services for Exhibitors

### Image and Illumination Service



The reality is, Digital Cinema is only as good as your last service! Adjustments always move ever so slightly over time. Image masking, focus, lens size, and color calibration are just a few areas that are prone to shift and be detrimental to a screening if not aligned perfectly.

The Image and Illumination service is designed to provide exhibitors with a fast and cost effective service option to ensure their screens are projecting the best images possible.

The service also addresses some preventative maintenance aspects with the removal of dust and grime buildup on projector and service components. i.e cleaning of fans and ventilation. All work carried out by a Barco Level 2 trained technician.

*\*All adjustments made with Ultra Stereo Color Meter PCA100*

#### Illumination

Xenon lamp inspection  
Lamphouse Alignment  
Light Pipe alignment inspection  
CLO calibration  
Macro set to SMPTE output for all formats

#### Mechanical

Internal cleaning of fans and dust buildup on all components, projector/server.  
Cleaning of mirrors, lenses, and light pipe  
Tighten high voltage cables and inspect  
Check physical projector alignment.  
Cleaning of 3D filters

#### Image

Image Aspect alignment (all formats)  
Image Focus alignment (all formats)  
Image Mask adjustment (all formats)  
Convergence check and adjustment

#### 3D

Cross talk and filter alignment check  
Illumination check and adjustment

**Service Time: 3hrs**  
**Service Frequency: Recommend Bi - annual per screen.**  
**Cost \$200+gst (Metro) ex Travel**

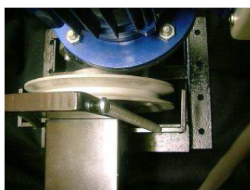


### Xenon Change Services/Screen Cleaning/ Assistive Hearing Audit

With an unmanned projection booth you need a trusted partner to ensure your Xenon lamps are replaced as soon as their hours expire. Cinetech Digital Pty Ltd has the experience to take on this responsibility for all models of Digital Projectors.

As an added advantage, with our Level 2 Barco factory experience, we perform several additional services when you book a xenon lamp change. As standard, we clean/replace filters, clean all mirrors, clean lenses check the CLO calibration and adjust macro settings when needed.

We can even supply xenon lamps when required or if you prefer, utilize stock already on site. Whatever is more convenient for your operation!



### Curtain and Masking Service

Cinetech is highly skilled and experienced in all types of curtain and masking systems. We offer timely repair of broken cables, burnt out motors and faulty controllers.

We stock a range of motors, cables and other necessary equipment for a speedy repair!

### Audio Diagnostics Service

It is essential to have your sound system fully examined on a regular basis. There are so many variables that can lead to your system not running at it's optimum level. Loudspeakers, amplifiers, and alignment are just a few aspects of your system that can ruin the cinema experience if not fully operational and correctly aligned.

Cinetech Digital Pty Ltd has the tools and experience to ensure your sound system is fully optimized. We utilize the THX D2 Real Time Analyzer with a 4 microphone multiplexing system to align and evaluate your system. We are experienced on all types of cinema processors from Dolby, Doremi, Panastereo, Ultra Stereo, and many more.

Our technicians are Dolby certified and fully dedicated to getting the best out of every piece of equipment we service.

The Audio Diagnostic Service's duration is typically 3 hours. This eliminates the need to cancel sessions as we can work around your business with early access provisions.

This service program is very popular and has uncovered many serious performance issues with exhibitors sound systems they were not even aware of!

**Service Time: 3hrs**  
**Service Frequency: Recommend Bi - annual per screen.**  
**Cost \$200+gst (Metro) ex Travel**



#### Hearing Aid Facilities

Induction loop check.  
Amplifier/Transmitter check.  
Operation and coverage report.

#### PA System

Inspection of microphone port(s)  
Microphone level check. Adjust if required.  
Feedback check.  
Earth Loop - Check for hums and interference.

#### Jiffy Test (Digital Cinema Test Program)

Check of overall system performance.  
Tests Loudspeaker operation and performance.  
Subwoofer calibration.  
Audio Synchronization.

#### B-chain Alignment

SPL level setting and EQ of all channels with the THX D2 Real Time Analyzer.

#### Processing

Check pre-amp SPL levels and signal from Digital Cinema Server

#### Power Amplifiers

Check of cooling fans.  
Check of connections.  
Check operation of indicators and displays.  
Crossover operation and setting check.  
Overall operation evaluation.

#### Processor

Bypass operation and level check.  
Check cooling fan operation (if needed).  
Check overall system, display and control.

#### Loudspeakers

Visual inspections of LF stage speakers.  
Distortion and rattle check.  
Physical alignment check of HF stage drivers.  
Phase check of all speakers.

### Amplifier and Loudspeaker Repair

A great compliment service to our Audio Diagnostics service. We repair and service all types of loudspeakers and amplifiers in house. In today's unmanned cinema environment, you need a partner that can diagnose, and repair components while taking care of all the logistics in between. Our job is to make YOUR job easier!

**Cost: Generic hourly costs apply**

